



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604**

**DATE:** JUL 7 2017

**SUBJECT:** CLEAN AIR ACT INSPECTION REPORT  
Metalico Youngstown, Inc., Youngstown, Ohio

**FROM:** Scott Connolly, Environmental Engineer  
AECAB (IL/IN)

**THRU:** Natalie Topinka, Acting Section Chief  
AECAB (IL/IN)

**TO:** File

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**BASIC INFORMATION**

**Facility Name:** Metalico Youngstown, Inc.

**Facility Location:** 100 Division Street, Youngstown, Ohio 44510

**Date of Inspection:** June 21, 2017

**Lead Inspector:** Scott Connolly, Environmental Engineer, US EPA

**Other Attendees:**

1. Kenneth Ruffatto, Environmental Engineer, US EPA
2. Vicky Mei, Environmental Engineer, US EPA
3. Faith Terreri, Registered Sanitarian, Mahoning-Trumbull Air Pollution Control Agency
4. Lance Grimes, Division General Manager, Metalico Youngstown, Inc.

**Purpose of Inspection:** To determine compliance with the Clean Air Act.

**Facility Type:** Metal Shredding and Recycling Facility.

**Arrival Time:** 8:15 am

**Departure Time:** 10:45 am

**Inspection Type:**

- ☒ Unannounced Inspection  
☐ Announced Inspection

## **OPENING CONFERENCE**

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Lance Grimes unless otherwise noted.

### **Process Description:**

Metalico Youngstown, Inc. (Metalico) obtains and processes scrap metal received by truck from demolition companies, auto salvage yards, peddlers and other recycling services. Generally, loads of scrap metal are unloaded from trucks into large piles, both at the shredder and at other locations onsite. Larger metal pieces are either torch cut or sliced with a stationary or mobile shear. The shredder processes mostly auto bodies and postconsumer scrap, and a small portion of demolition waste and industrial metal. Cranes load scrap metal onto a conveyor, which feeds the metal into the hammermill shredder. A water injection system sprays water into the shredder to reduce dust and to cool the metal. Shredded metal exits the shredder and is fed through a magnetic separator, which separates non-magnetics from ferrous metal. Pickers also separate more fluff and ferrous metals by hand after the magnetic separator. Non-ferrous metals are separated by size, collected, and sold as comingled metals. Non-metallic fluff is sent by truck to a landfill. Ferrous metal is transported to the steel mill adjacent to the yard.

**Staff Interview:** Mr. Grimes stated that the facility accepts cars from peddlers, tow trucks and auto salvage yards. Most cars undergo "depollution" where operators remove gasoline, motor fluids, transmission fluids, antifreeze, mercury switches, and lead wheel wells. The facility does not currently own or operate chlorofluorocarbon (CFC) recovery machines, nor does it direct or train its operators to remove CFCs from vehicles, air conditioners or refrigerators. Mr. Grimes stated that the corporate parent was in the process of obtaining CFC recovery equipment for all its properties, but the Youngstown facility had not yet received them. Facility staff stated that the shredder operates at about 60-65 tons per hour of scrap feed that usually is composed of about 50-60% scrap from vehicles. Mr. Grimes stated that the facility operates a water truck for dust control on all the roads at the facility.

## **TOUR INFORMATION**

**EPA toured the facility:** Yes

### **Data Collected and Observations:**

Shredder operations were not occurring at the time of inspection. The shredder is an open, side-fed, 3500 horsepower shredder powered by two natural gas engines.

EPA observed fugitive particulate matter emissions from torch cutting. (See photos P6210004 and P6210005). Water truck operations were observed taking place at the time of the inspection.

**Field Measurements:** were not taken during this inspection.

**CLOSING CONFERENCE**

**Requested documents:**

- Vendor Scrap Acceptance Agreement
- CFC Certification Statement

**SIGNATURES**

Lead Inspector: Scott Cunniff Date: 7/6/2017

Section Chief: Natalie Pir Date: 7/7/17

**Facility Name:** Metalico Youngstown, Inc.

**Facility Location:** 100 Division St. Youngstown, Ohio

**Date of Inspection:** June 21, 2017

**APPENDICES AND ATTACHMENTS**

- Appendix A: Photos

**Facility Name:** Metalico Youngstown, Inc.  
**Facility Location:** 100 Division St. Youngstown, Ohio  
**Date of Inspection:** June 21, 2017

**APPENDIX A: FIELD NOTES AND FIELD MEASUREMENT DATA**

SEE ATTACHED CD FOR APPENDIX A PHOTOS.

| <b>Photo No.</b> | <b>Date and Time</b>     | <b>Description</b>   |
|------------------|--------------------------|--|
| P210002          | June 21, 2017 at 8:05 AM | Shredder feed conveyor (left) and hammermill (right). Scrap is loaded on to the feed conveyor and metered into the hammermill; the shredder scrap falls down through screens onto conveyor under shredder. |
| P210003          | June 21, 2017 at 8:07 AM | Non-metallics separator conveyors. Non-metallics are separated from fluff and sorted by size into various storage piles.   |
| P210004          | June 21, 2017 at 8:26 AM | Torch cutting operations and the smoke generated from it.  |
| P210005          | June 21, 2017 at 8:26 AM | Torch cutting operations and the smoke generated from it.  |